

DERIVING POWER FOR A WIRELESS NETWORK COMPONENT FROM THE POWER SOURCE OF A FLUORESCENT LIGHT

Abstract of the Disclosure

[0075] Systems and methods are provided for deriving power for a wireless network component from the power source of a fluorescent light. Power couplings are electrically connected to the pins of a fluorescent lamp and to a power converter of the wireless network component so that a circuit is completed between the pins and the power converter. The power couplings may alternatively be electrically connected to the fluorescent lamp connectors of a fluorescent light fixture and to the power converter of the wireless network component to complete the circuit. Power supplied to fluorescent lamp is drawn by the circuit to power the wireless network component. Alternatively, the ballast of the fluorescent light power source may be modified to include an output line that outputs a voltage for powering the wireless network component to a power port. The power port may be mounted on or near the fluorescent light.